

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090823\
 Data File : VX037601.D
 Acq On : 08 Sep 2023 13:08
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Sep 09 06:02:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090823W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 09 03:56:07 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/09/2023
 Supervised By : Mahesh Dadoda 09/11/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	145797	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	248350	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	225641	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	115552	50.000	ug/l	# 0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.958	65	280816	142.686	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 285.380%#	
35) Dibromofluoromethane	5.391	113	259303	149.277	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 298.560%#	
50) Toluene-d8	8.653	98	945215	148.361	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 296.720%#	
62) 4-Bromofluorobenzene	11.079	95	353671	147.292	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 294.580%#	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	235896	159.423	ug/l	98
3) Chloromethane	1.307	50	246881	149.044	ug/l	99
4) Vinyl Chloride	1.374	62	265218	155.426	ug/l	99
5) Bromomethane	1.593	94	110831	146.576	ug/l	100
6) Chloroethane	1.660	64	101369m	110.886	ug/l	
7) Trichlorofluoromethane	1.867	101	300963	129.775	ug/l	99
8) Diethyl Ether	2.136	74	155663	151.016	ug/l	73
9) 1,1,2-Trichlorotrifluo...	2.319	101	239080	154.132	ug/l	94
10) Methyl Iodide	2.441	142	299993	149.115	ug/l	90
11) Tert butyl alcohol	2.989	59	333390	757.026	ug/l	# 93
12) 1,1-Dichloroethene	2.306	96	241880	154.490	ug/l	# 81
13) Acrolein	2.239	56	332761	768.545	ug/l	97
14) Allyl chloride	2.660	41	324800	147.942	ug/l	# 84
15) Acrylonitrile	3.068	53	715994	745.716	ug/l	98
16) Acetone	2.392	43	553233	683.560	ug/l	# 83
17) Carbon Disulfide	2.501	76	609986	155.559	ug/l	99
18) Methyl Acetate	2.709	43	489625	149.112	ug/l	# 84
19) Methyl tert-butyl Ether	3.117	73	842753	151.823	ug/l	97
20) Methylene Chloride	2.788	84	278440	150.998	ug/l	# 81
21) trans-1,2-Dichloroethene	3.087	96	267295	152.832	ug/l	83
22) Diisopropyl ether	3.770	45	692794	149.017	ug/l	# 73
23) Vinyl Acetate	3.727	43	2573659	775.458	ug/l	# 86
24) 1,1-Dichloroethane	3.605	63	460273	151.924	ug/l	96
25) 2-Butanone	4.568	43	902832	735.530	ug/l	# 81
26) 2,2-Dichloropropane	4.477	77	348712	156.131	ug/l	93
27) cis-1,2-Dichloroethene	4.489	96	320203	153.635	ug/l	83
28) Bromochloromethane	4.897	49	192113	145.272	ug/l	# 65
29) Tetrahydrofuran	5.013	42	587959	747.704	ug/l	# 78
30) Chloroform	5.099	83	493994	151.970	ug/l	96
31) Cyclohexane	5.470	56	377790	157.765	ug/l	86
32) 1,1,1-Trichloroethane	5.385	97	449099	160.410	ug/l	95
36) 1,1-Dichloropropene	5.690	75	359853	156.810	ug/l	96
37) Ethyl Acetate	4.721	43	353488	150.234	ug/l	# 90
38) Carbon Tetrachloride	5.678	117	395251	166.652	ug/l	98
39) Methylcyclohexane	7.379	83	460049	164.413	ug/l	89
40) Benzene	6.037	78	1088911	154.216	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	185468	154.735	ug/l #	84
42) 1,2-Dichloroethane	6.086	62	356732	150.877	ug/l	90
43) Isopropyl Acetate	6.348	43	563623	159.932	ug/l #	87
44) Trichloroethene	7.129	130	302969	156.208	ug/l	93
45) 1,2-Dichloropropane	7.434	63	270778	156.590	ug/l	98
46) Dibromomethane	7.580	93	203954	157.157	ug/l	91
47) Bromodichloromethane	7.824	83	389263	164.148	ug/l	97
48) Methyl methacrylate	7.696	41	268755	159.339	ug/l #	76
49) 1,4-Dioxane	7.665	88	163881	3096.672	ug/l #	85
51) 4-Methyl-2-Pentanone	8.580	43	1633331	728.741	ug/l #	84
52) Toluene	8.720	92	708449	154.474	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	429135	174.280	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	462615	168.863	ug/l #	81
55) 1,1,2-Trichloroethane	9.153	97	289836	151.998	ug/l	97
56) Ethyl methacrylate	9.116	69	451063	162.351	ug/l #	78
57) 1,3-Dichloropropane	9.311	76	476066	149.808	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	1094963	778.946	ug/l	90
59) 2-Hexanone	9.433	43	1267652	741.558	ug/l	80
60) Dibromochloromethane	9.525	129	323666	170.477	ug/l	99
61) 1,2-Dibromoethane	9.610	107	316622	155.057	ug/l	100
64) Tetrachloroethene	9.275	164	248553	157.304	ug/l	97
65) Chlorobenzene	10.079	112	761982	153.702	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	292891	166.705	ug/l	99
67) Ethyl Benzene	10.195	91	1331976	158.063	ug/l	98
68) m/p-Xylenes	10.305	106	1040143	313.776	ug/l	94
69) o-Xylene	10.640	106	519119	157.495	ug/l	94
70) Styrene	10.659	104	861355	160.735	ug/l	96
71) Bromoform	10.799	173	244171	150.554	ug/l #	100
73) Isopropylbenzene	10.963	105	1319877	152.067	ug/l	98
74) N-amyl acetate	10.848	43	475977	159.089	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	11.213	83	447060	148.216	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	405071m	149.426	ug/l	
77) Bromobenzene	11.201	156	324682	151.126	ug/l	90
78) n-propylbenzene	11.305	91	1495161	154.898	ug/l	97
79) 2-Chlorotoluene	11.366	91	908304	148.096	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	1124025	152.679	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	149651	149.805	ug/l #	78
82) 4-Chlorotoluene	11.457	91	1032168	149.255	ug/l	96
83) tert-Butylbenzene	11.719	119	1152518	155.278	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	1129188	153.411	ug/l	95
85) sec-Butylbenzene	11.890	105	1391739	155.541	ug/l	98
86) p-Isopropyltoluene	12.012	119	1193329	157.476	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	609503	149.106	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	616924	148.354	ug/l	99
89) n-Butylbenzene	12.335	91	1023754	164.424	ug/l	97
90) Hexachloroethane	12.542	117	222942	173.135	ug/l	89
91) 1,2-Dichlorobenzene	12.335	146	614788	150.984	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	111728	173.978	ug/l	72
93) 1,2,4-Trichlorobenzene	13.591	180	411396	167.042	ug/l	99
94) Hexachlorobutadiene	13.725	225	179370	164.992	ug/l	99
95) Naphthalene	13.774	128	1447333	168.232	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	416424	163.694	ug/l	99

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

